

ABSTRACT

A paste in which semiconductor fine grain such as titanium oxide fine grain or the like and a binder made of a polymer compound are mixed is coated onto a transparent
5 conductive substrate and sintered, thereby forming a semiconductor layer made of the semiconductor fine grain, after that, ultraviolet rays are irradiated to the semiconductor layer and, by using a photocatalyst effect
10 of the semiconductor fine grain, an organic substance remaining in the semiconductor layer is removed.